

Mohammed R. Shahbaaz

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Objective

To leverage my existing automotive engineering knowledge to enhance practical automotive production skill-set and add value to automakers through the complete cycle of product design – from concept to production and assembly.

Summary

A motivated automotive engineer with a creative eye for detail and strong methodical and technical aptitude for all problems – auto-related.

Education

2018	BE – AUTOMOBILE ENGINEERING New Horizon College of Engineering, Bangalore	67.5%
2014	12TH St. Joseph's Indian Composite PU College, Bangalore	79%
2012	10TH St. Xavier's High School, Bangalore	83%

Projects

DESIGN AND FABRICATION OF REPLACEABLE DIESEL PARTICULATE FILTER

The project was selected and funded by the Karnataka State Council for Science and Technology

- Designing an efficient filter that reduces particulate matter in emissions from diesel vehicles that are harmful for the environment
- Enabling smooth transition of BS-4 vehicles to BS-6 through the development of such a filter
- Testing the filter against different exhaust parameters set by the Karnataka State Pollution Control Board

SOLID WORKS 3D MODELS: SHEET METAL DESIGNING, WELDING, AND BRAZING 3D MODELLING OF AUTOMOTIVE PISTON USING CAD/CAM

Internships

CAMPUS PROMOTION OF CEREBRO APP OF ZERSEY TECHNOLOGY

- Promoting the Cerebro App on college campus as the Campus Ambassador
- Cerebro is a calendar-based social platform that enables users to set their own personal notes and reminders, in addition to subscribing to other calendars based on their interests

Technical Skills

- Basic C/C++ Programming
- MATLAB Software basics
- CNC Programming
- ANSYS Software basics
- Solid Edge
- CATIA basics
- Computer-aided Engineering Drawing (CAED)

Extra-curricular Participation & Achievements

- Tech Horizon Intra-college Exhibition (conducted by New Horizon College of Engineering): Secured 3rd place
- IT Wizard Curriculum (conducted by NIIT): Secured Grade A
- Inter-school Science Exhibition: District Level
- Roto Quiz Inter Collegiate Competition: Represented New Horizon College of Engineering
- Auto Expo 2017 (Automaniacs Club) held by New Horizon College of Engineering: Crew Member
- Automotive Sketching Workshop (conducted by Institute of Industrial Management): Participant
- Elite Techno Group: Enrollment

Hobbies & Interests

- Travelling
- Reading
- Teaching PU, Diploma and BE students
- Cricket & Gym

Other Personal Details

Date of Birth	27/09/1996
Languages Known	English, Kannada, Hindi, Urdu